

ABSTRACT OF THE DISCLOSURE

Herein disclosed is an image transmitting and receiving system comprising a plurality of image transmitting apparatus and one or more image receiving apparatus. Each of the image transmitting apparatus includes a plurality of camera units (10a to 10e) each for taking a moving picture of an object and a compressing and encoding unit (26) for compressing and encoding the moving image to generate coded moving image signal data. Each of the image receiving apparatus includes one or more decompressing and decoding units for decompressing and decoding the coded moving image signal data, and a monitoring unit (51) having a screen for displaying one moving picture on the screen when one moving image signal is outputted by the data outputting unit (58), and displaying a plurality of moving pictures on the screen when the synthesized moving image signal is outputted by the data outputting unit (58).